

Joint Logistics Planning Enhancements Bulletin

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Joint Logistics Planning Enhancements (JLOG/PE) Chartered

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The Joint Logistics Planning Enhancements Bulletin is published by the Joint Logistics Planning Enhancements (JLOG/PE) Test Program Office. The purpose of this publication is to provide information on the status of the program, identify critical milestones, and report progress and upcoming events. The JLOG/PE Test Program Office appreciates the support provided by many organizations and welcomes comments and suggestions on the program as we move forward.

The JLOG/PE Joint Test and Evaluation (JT&E) Director is chartered to employ multi-Service and other Department of Defense agency support, personnel, and equipment to identify and develop enhancements to joint logistic and operational planning and execution processes. This will increase the Joint Forces Commander's (JFC's) ability to reliably assess the sustainability of in-theater forces. This JT&E program addresses two critical joint issues: to what extent can logistics information enhancements improve the JFC's ability to assess sustainability of in-theater forces; and, to what extent can logistics process enhancements improve the JFC's ability to assess the sustainment of in-theater forces. JLOG/PE will provide information and process enhancements to increase the accuracy, reliability, and timeliness of logistics information available for Joint and Service logistics planners.

The U.S. Army is designated as

the lead Service and executive agent for the JLOG/PE Joint Test. The U.S. Army, Marine Corps, and Air Force, and the Unified Commands are designated as participating Services/Commands.

On July 24th, the Senior Advisory Council (SAC) directed a shortened test schedule with an abbreviated budget different than that provided. An alternative schedule and budget were presented to the SAC co-chairs on September 3, 2002. The SAC co-chairs agreed to charter based on the presentation of a 42-month program.

The briefing presented to the co-chairs on September 3d posed no significant changes to the JLOG program objectives and test concept as previously presented. However, the JLOG/PE Director briefed the revised program to the Technical Advisory Board (TAB) in October 2002 in order to fully inform the TAB of the restructured test program.

JLOG/PE Upcoming Events

Feb

- TF 04 Concept Development Conference, PACOM
- UFL 03 Main Planning Conference, KOREA
- Worldwide Joint Scheduling Conference, Norfolk, VA
- JWAG Meeting, APG, MD

- SIMPROCESS Training, Chantilly, VA

Mar

- National Logistics Conference
- UE 3-2 Final Planning Conference, Suffolk, VA

Apr

- AR 04 Initial Planning Conference
- TF 04 Initial Planning Conference.
- COLD Conference, Leesburg, VA
- General Officer Steering Committee, Location TBD

SIMPROCESS

The JLOG team has investigated several process mapping and modeling software applications in order to facilitate capturing and analyzing the current logistics planning and operations processes for a Joint Task Force. The team decided on SIMPROCESS, a tool developed by CACI, because of its ease of use and flexibility.

SIMPROCESS will allow us to

document and potentially model the doctrinal joint logistics planning and operational processes. Once developed, this tool can then be used during pretest analysis to support developing and assessing information or process improvement hypotheses before trial in a test venue.

Current meetings with representatives of Joint Forces Command (JFCOM) subject matter

experts are in progress to confirm that the process outlined meets with approved doctrine and captures all the process elements.

"Pushing more and more supplies and people into a theater, with the hope that if enough is pushed forward some will get where they belong is one solution to lack of knowledge of where things are and what is needed. It is the substitution of mass for knowledge and we saw that take place in the Gulf conflict just as in previous conflicts."

- Gulf War Air Power Survey

Modeling and Simulation

The JLOG/PE test concept calls for the extensive use of models and simulations (M&S) in all phases of the joint test and evaluation. As discussed in the previous article, we'll use SIMPROCESS to develop a mapping of the joint logistics processes and to conduct pretest analysis. During the test execution phase, M&S will drive the Joint Task Force training exercises that also serve as the JLOG/PE test venues. Unfortunately, JLOG/PE doesn't get to choose which M&S will serve as the exercises'

"Stimulators" -- that's the job of the exercise directors based on established training objectives -- but we will be involved early in

the coordination process so we can maximize M&S data production and collection in support of

M&S to refine and retest enhancements, fill-in data gaps, and, most importantly, to identify and analyze the logistics and operational impacts caused by JLOG/PE.

In addition to SIMPROCESS, other M&S under consideration to become a member of the JLOG/PE "suite of simulations" include the Joint Theater Level Simulation, the Joint Deployment Logistics Model, the Joint Conflict and Tactical Simulation, and the Joint Warfighting Simulation. Although still in

development, figure 1 displays our M&S architecture concept.

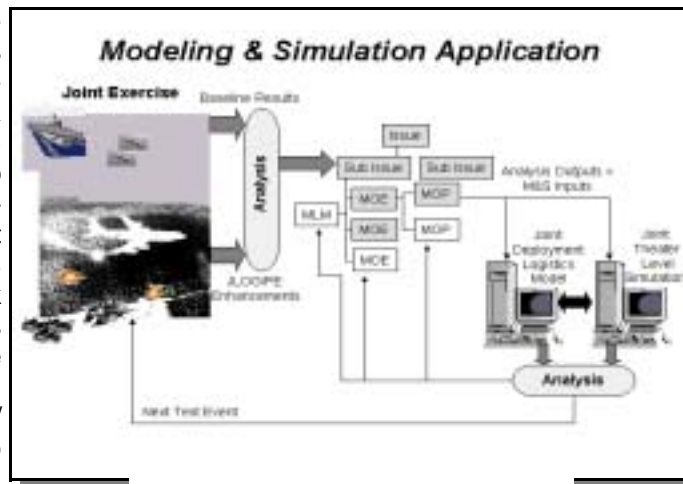


Figure 1—Modeling and Simulation Application

our test objectives. In the analysis phase of the JT&E, JLOG/PE will make use of specially selected, validated, and accredited

Joint Doctrine Working Party

During 2002 JLOG/PE personnel attended the semi-annual conference of the Joint Doctrine Working Party (JDWP). The purpose of this attendance was to familiarize JLOG/PE personnel with how the Joint Working Party conducts business, their

expectations regarding format and information necessary to introduce new concepts or doctrine to the JDWP for review, and once submitted, the requirements on the submitting party to carry the proposed changes or updates forward. It

is the intention of JLOG/PE to continue to attend these conferences to develop a relationship with the current members and assist us in assuring that any submissions meet the requirements for review and consideration.

JLOG/PE at JFCOM

Recently, JLOG/PE personnel met with representatives of both JFCOM and the Joint Methodology to assess C4ISR Architecture (JMACA) JT&E. JFCOM representatives included individuals from the J9 Joint Logistics Transformation Center (JLTC), J3/4 Joint Deployment Process Owner, the J333, and the Joint Warfighting Center. J9 provided an excellent review of the Standing Joint Force Headquarters (SJFH) concept scheduled for implementation by 2005. This concept radically changes the HQ composition, aligning the staffs' functionally into the areas of the Command Section, Plans, Operations, Information Superiority and Knowledge Management. Logistics personnel are integrated throughout the functional sections with the purpose of providing collaborative planning capabilities during all phases of an operation.

JLOG will work with the JLTC to ensure that our enhancements are integrated into this developing concept. Additionally, the logistics process baseline map created by JLOG was reviewed and further meetings are being scheduled to assess its accuracy.

The J333 is in the process of assisting JLOG/PE in gaining access to both the Unified Endeavor and Terminal Fury series of exercises. Letters have been sent to the appropriate commands, and attendance at the various planning conferences is being coordinated.

The Joint Warfighting Center provided insight into the new SJFH draft standing operating procedure (SOP) that is being prepared for staffing beginning in November. This document is different from the Common JTF SOP but it is anticipated that the two documents will be merged by

2006. A copy of the logistics portion of the SOP was received for our review and comment.

Finally, members of JLOG/PE and JMACA discussed issues relating to the conduct of a JT&E. Since JMACA is a year ahead of JLOG, they were able to pass on valuable experience regarding the amount of time necessary to staff and train JT&E team personnel, develop and finalize the Program Test Plan, and resolve funding issues. The sharing of their experiences will help the smooth transition of JLOG from the Joint Feasibility Stage to the Joint Test.

*For more information
on the Joint Test and
Evaluation Program or
Joint Logistics
Planning Enhancement
<http://www.jte.osd.mil>
or
<http://jlog.dtc.army.mil>
respectively*

Developmental Test Command (DTC) - Home of Joint Logistics Planning Enhancements

The U.S. Army Developmental Test Command (DTC) is sponsoring a Joint Test and Evaluation of an emerging logistics information systems enhancement process entitled Joint Logistics Planning Enhancements (JLOG/PE). DTC is the developmental testing arm of the U.S. Army Test and Evaluation Command and the Army's premier organization for conducting developmental testing of weapons, equipment, and sys-

tems. DTC offers a full range of test services including providing unbiased test data on the technical feasibility of early concepts, determining system performance and safety, and assessing technical risks during system development. DTC's testing capabilities are offered to all U.S. military Services and Department of Defense organizations.

JLOG/PE received its formal charter in October 2002 and will

undergo a 3 1/2-year test of its functional effectiveness. JLOG/PE is focused on business practices that will improve the use of existing databases and provide joint service logisticians the most timely and accurate information. The feasibility study includes DTC Staff, employees of Computer Sciences Corporation, SRS Technologies, and the military Services principally the Army and Air Force.

The Future

JLOG/PE is now focused on the development of our Program Test Plan. This document will serve as the basis for going forward. Though it will be similar in nature to our Joint Feasibility Study Report, additional and specific infor-

mation will be provided regarding our methodology, program analytical approach, data management approach, and specific test resources required. During the development of this document, we will continue to solicit input from

our Joint Warfighter Advisory Group (JWAG) and Technical Advisory Group. A JWAG meeting is currently planned for February 2003 at Aberdeen Proving Ground.

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